

A detailed cross-sectional view of a mechanical assembly. The assembly features a central shaft (10) with a central bore (10a) and a shoulder (10b). The shaft is supported by bearings (6, 9) and is connected to a housing (1) via a coupling (3). The housing has a central bore (10c) and a shoulder (10a). The assembly is secured by a nut (8) and a lock washer (5). Other components include a seal (20), a gasket (25), a flange (26), a bracket (24A), a pin (24a), a bush (24b), a sleeve (23), a ring (22), a plate (21), and a cap (21a).

## PRIOR ART